



Ref. Certif. No.

FR_709178/M3

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Power supply

Name and address of the applicant

PULS GmbH
Elektrastr. 6
81925 München
GERMANY

Name and address of the manufacturer

PULS GmbH
Elektrastr. 6
81925 München
GERMANY

Name and address of the factory

Note: When more than one factory, please report on page 2

☒ Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark / Brand (if any)

PULS

Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

See Annex

Additional information (if necessary may also be reported on page 2)

Supersedes CBTC FR_709178/M2 dated 13/04/2023. Addition of factory
Addition of product references
Update the list of components

☐ Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 61010-1:2010 + A1:2016
IEC 61010-2-201:2017

As shown in the Test Report Ref. No. which forms part of this Certificate

20TH0250_61010-1_3
20TH0250_61010-2-201_3

This CB Test Certificate is issued by the National Certification Body



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
33 avenue du Général Leclerc
92260 Fontenay-aux-Roses, FRANCE
www.lcie.fr



Date: 01/10/2024

Signature: **Gilles LEMONNIER**
Certification Officer

ANNEX

Name and address of the factories:**PULS INVESTICNI SRO**

Prazska 5639
430 01 Chomutov
CZECH REPUBLIC

PULS ELECTRONICS (SUZHOU) CO. LTD.

No 1 Rui En Lane Xingpu Rd, Sip
Suzhou, Jiangsu, 215021 - CHINA

References, ratings and main characteristics:**FPT300.24b-ccc-ddd (b = 1 or 2):****Input:**

3 AC 380–480 V ($\pm 15\%$), 0,52–0,43 A, 50–60 Hz

Output:

1 x 24–28 Vdc, 15–12,9 A or

1 x 24 Vdc, 15 A

Total output power:

300 W (at +55 °C)

150 W (at +70 °C)

Derate linearly between +55 °C and +70 °C

Operational temperature range: –25 °C to +70 °C

FPT300.24b-ccc-ddd (b = 5):**Input:**

3 AC 380–480 V ($\pm 15\%$), 0,52–0,43 A, 50–60 Hz

Output:

2 x 24–28 Vdc, or

3 x 24–28 Vdc, or

4 x 24–28 Vdc,

max. 12 A

Total output power:

300 W (at +55 °C)

150 W (at +70 °C)

Derate linearly between +55 °C and +70 °C

Operational temperature range: –25 °C to +70 °C

FPT300.24b-ccc-ddd (b = 6):**Input:**

3 AC 380–480 V ($\pm 15\%$), 0,52–0,43 A, 50–60 Hz

Output:

2 x 24–28 Vdc or

3 x 24–28 Vdc or

4 x 24–28 Vdc

max. 3,9–3,4 A

Total output power:

300 W (at +55 °C)

150 W (at +70 °C)

Derate linearly between +55 °C and +70 °C

Operational temperature range: –25 °C to +70 °C



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FPT300.24b-ccc-ddd (b = 7):**Input:**3 AC 380–480 V ($\pm 15\%$), 0,52–0,43 A, 50–60 Hz**Output:****A combination of 2 to 4 outputs****24–28 Vdc (NEC Class 2) and****24–28 Vdc (regular) not exceeding 12 A**

Total output power:

300 W (at +55 °C)

150 W (at +70 °C)

Derate linearly between +55 °C and +70 °C

Operational temperature range: –25 °C to +70 °C

FPT500.24b-ccc-ddd (b = 1 or 2):**Input:**3 AC 380–480 V ($\pm 15\%$), 1,1–0,9 A, 50–60 Hz**Output:**1 x 24–28 Vdc; **25–21.4 A or****1 x 24 Vdc, 25 A**

Total output power:

600 W (below +45 °C)

500 W (at +55 °C)

350 W (at +70 °C)

Derate linearly between +55 °C and +70 °C

Operational temperature range: –25 °C to +70 °C

FPT500.24b-ccc-ddd (b = 5):**Input:**

3 AC 380–480 V, 1,1–0,9 A, 50–60 Hz

Output:**2 x 24–28 Vdc, or****3 x 24–28 Vdc, or****4 x 24–28 Vdc,****max. 12 A**

Total output power:

600 W (below +45 °C)

500 W (at +55 °C)

350 W (at +70 °C)

Derate linearly between +45 °C and +70 °C

Operational temperature range: –25 °C to +70 °C

FPT500.24b-ccc-ddd (b = 6):**Input:**3 AC 380–480 V ($\pm 15\%$), 1,1–0,9 A, 50–60 Hz**Output:****4 x 24–28 Vdc****max. 3,9–3,4 A**

Total output power:

400 W (at +55 °C)

350 W (at +70 °C)

Derate linearly between +55 °C and +70 °C

Operational temperature range: –25 °C to +70 °C



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FPT500.24b-ccc-ddd (b = 7):**Input:**3 AC 380–480 V ($\pm 15\%$), 1,1–0,9 A, 50–60 Hz**Output:****A combination of 2 to 4 outputs****24–28 Vdc (NEC Class 2) and****24–28 Vdc (regular) not exceeding 20 A**

Total output power:

600 W (below +45 °C)

500 W (at +55 °C)

350 W (at +70 °C)

Derate linearly between +45 °C and +70 °C

Operational temperature range: –25 °C to +70 °C

FPT500.48b-ccc-ddd (b = 1 or 2):**Input:**3 AC 380–480 V ($\pm 15\%$), 1,1–0,9 A, 50–60 Hz**Output:**

1 x 48–56 Vdc; 12,5–10,7 A or

1 x 48 Vdc, 12,5 A

Total output power:

600 W (below +45 °C)

500 W (at +55 °C)

350 W (at +70 °C)

Derate linearly between +55 °C and +70 °C

Operational temperature range: –25 °C to +70 °C

FPT400.24b-ccc-ddd (b=6)**Input:**3 AC 380–480 V ($\pm 15\%$), 0,67–0,54 A, 50–60 Hz**Output:**

2 x 24–28 Vdc or

3 x 24–28 Vdc or

4 x 24–28 Vdc

max. 3,9–3,4 A

Total output power:

375 W/24 V, 380 W/28 V (at +65 °C)

350 W (at +70 °C)

Derate linearly between +65 °C and +70 °C

Operational temperature range: –25 °C to +70 °C



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